ABSTRACT OF THE DISCLOSURE

Organic electronic devices may include an organic electronic component having an organic layer including guest material(s). One or more liquid compositions may be placed over a substantially solid organic layer. Each liquid composition can include guest material(s) and liquid medium (media). The liquid medium (media) may interact with the organic layer to form a solution, dispersion, emulsion, or suspension. The viscosity of the resulting solution, dispersion, emulsion, or suspension can be higher than the liquid composition to keep lateral migration of the guest material to a relatively low level. Still, most, if not all, the guest material(s) can migrate into the organic layer to locally change the electronic or electro-radiative characteristics of a region within the organic layer, with less than one order of magnitude difference in guest material concentration throughout the thickness of the organic layer. The process can be used for organic active layers, filter layers, and combinations thereof.